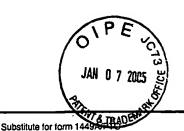
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PTO/SB/08a (08-03)

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Application Number 10/729,862

Filing Date December 5, 2003

First Named Inventor WAKEFIELD, Todd D.

Art Unit 2171

Examiner Name Unassigned

Attorney Docket Number 5141 P

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Sheet 1 of 1

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cita No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
800		US- US2004/0128615 A1	07-01-04	CARMEL, David, et al.	
SRP		US- US2004/0078750 A1	04-22-04	FRANK, John R.	:
Can		US- US2003/0149586 A1	08-07-03	CHEN, Michael H., et al.	
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Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (il known)	MM-DD-YYYY	. Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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PTO/SB/08A (08-03)

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Filing First I

Application Number 10/729,862

Filing Date December 5, 2003

First Named Inventor Wakefield, Todd D.

Art Unit

Complete if Known

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

10

INFORMATION DISCLOSURE

Examiner Name
Attorney Docket Number 03760.024/5141P

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevan Figures Appear
SRP		^{US-} 4,914,590	04-03-1990	Loatman et al.	
1.		^{US-} 5,694,523	12-02-1997	Wical	
		^{US-} 5,933,818	08-03-1999	Kasravi et al.	
		^{US-} 20030167266-A1	09-04-2003	Saldanha et al.	
		^{US-} 6,304,870	10-16-2001	Kushmerick et al.	
		^{US-} 6,102,969	08-15-2000	Christianson et al.	*
		^{US-} 5,890,103	03-30-1999	Carus '	
		^{US-} 5,768,580	06-16-1998	Wical	·
		^{US-} 5,887,120	03-23-1999	Wical	
		^{US-} 5,918,236	06-29-1999	Wical	
		^{US-} 5,930,788	07-27-1999	Wical	
		^{US-} 5,940,821	08-17-1999	Wical	
		^{US-} 5,953,718	09-14-1999	Wical	
		^{US-} 5,963,940	10-05-1999	Liddy et al.	
		us- 6,038,560	03-14-2000	Wical	
		^{US-} 6,061,675	05-09-2000	Wical	
		^{US-} 6,076,088	06-13-2000	Paik et al.	
1		^{US-} 6,199,034	03-06-2001	Wical	
E RP		^{US-} 6,263,335	07-17-2001	Paik et al.	

Examiner Cite No.1	Foreign Patent Document	Foreign Patent Document Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	٦
	WO-98/24016	06-04-1998	Devoino et al.		Γ
	WO-99/18527	04-15-1999	Batchilo et al.		Г
	WO-00/14651	03-16-2000	Tsourikov et al		Γ
	WO-00/46703	08-10-2000	Devoino et al.		r
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	No.1	No.1 Country Code3 Number 4 Kind Code5 (# known) WO-98/24016 WO-99/18527 WO-00/14651	No.¹ Date MM-DD-YYYY WO-98/24016 06-04-1998 WO-99/18527 04-15-1999 WO-00/14651 03-16-2000	No.¹ Date MM-DD-YYYY WO-98/24016 O6-04-1998 Devoino et al.	No.1 Date MM-DD-YYYY Applicant of Cited Document Where Relevant Passages Or Relevant Figures Appear

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	· ·			First Named Inventor	Wakefield, Todd D.	
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Sheet	2	of	10	Attorney Docket Number	03760.024/5141P	

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (N known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SRD		US- 6,460,034	10-01-2002	Wical	
1		^{US-} 6,487,545	11-26-2002	Wical	
		^{US-} 6,507,829	01-14-2003	Richards et al.	
1		^{US-} 6,513,006	01-28-2003	Howard et al.	
		^{US-} 6,523,026	02-18-2003	Gillis	
		^{US-} 6,553,385	04-22-2003	Johnson et al.	
		^{US-} 6,567,805	05-20-2003	Johnson et al.	
		us- 6,571,235	05-27-2003	Marpe et al.	
		^{US-} 6,584,470	06-24-2003	Veale	
		^{US-} 6,594,658	07-15-2003	Woods	
		^{US-} 6,601,026	07-29-2003	Appelt et al.	
		^{US-} 6,604,094	08-05-2003	Harris	
		^{US-} 6,615,209	09-02-2003	Gomes et al.	
,		^{US-} 6,618,725	09-09-2003	Fukuda et al.	
SP		us- 20030163302	08-28-2003	Yin	
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		FORE	IGN PATENT DOCU	MENTS		
	Cite No.1	Foreign Patent Document	Foreign Patent Document Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Traisation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/729,862 Filing Date December 5, 2003 INFORMATION DISCLOSURE First Named Inventor Wakefield, Todd D. STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number 03760.024/5141P

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
SRP		^{US-} 4,965,763	10-23-1990	Zamora	
		^{US-} 4,992,972	02-12-1991	Brooks et al.	
		^{US-} 5,146,405	09-08-1992	Church	
		^{US-} 5,614,899	03-25-1997	Tokuda et al.	
		^{US-} 5,696,916	12-09-1997	Yamazaki et al.	
		^{US-} 5,799,268	08-25-1998	Boguraev	
		^{US-} 5,802,504	09-01-1998	Suda et al.	
		^{US-} 5,844,798	12-01-1998	Uramoto	
		^{US-} 5,878,385	03-02-1999	Bralich et al.	
		^{US-} 5,901,068	05-04-1999	Batchilo et al.	
		^{US-} 6,056,428	05-02-2000	Devoino et al.	
		^{US-} 6,167,370	12-26-2000	Tsourikov et al.	
ERP		^{US-} 6,202,043	03-13-2001	Devoino et al. ,	
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		FORE	IGN PATENT DOCU	MENTS			
Examiner Cite Initials* No.1	Foreign Patent Document	Foreign Patent Occument Publication Date		Pages, Columns, Lines, Where Relevant Passages	Π		
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	Application Number	10/729,862		
INFORMATION DISCLOSURE	Filing Date	December 5, 2003		
	First Named Inventor	Wakefield, Todd D.		
STATEMENT BY APPLICANT	Art Unit			
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Sheet H of 10	Attorney Docket Number	03760.024/5141P		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (7 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
500		^{US-} 4,864,502	09-05-1989	Kucera et al.	
		^{US-} 4,868,750	09-19-1989	Kucera et al.	
		^{US-} 4,887,212	12-12-1989	Zamora et al.	
		^{US-} 4,905,138	02-27-1990	Bourne	
		^{US-} 4,994,966	02-19-1991	Hutchins	
T		^{US-} 5,068,789	11-26-1991	van Vliembergen	
		^{US-} 5,083,268	01-21-1992	Hemphill et al.	
		^{US-} 5,164,899	11-17-1992	Sobotka et al.	
		^{US-} 5,225,981	07-06-1993	Yokogawa	
		^{US-} 5,243,520	09-07-1993	Jacobs et al.	
		^{US-} 5,268,840	12-07-1993	Chang et al.	
		^{US-} 5,297,040	03-22-1994	Hu .	
1	_	^{US-} 5,323,316	06-21-1994	Kadashevich et al.	
		^{US-} 5,369,577	11-29-1994	Kadashevich et al.	
		US- 5,424,947	06-13-1995	Nagao et al.	
		^{US-} 5,438,512	08-01-1995	Mantha et al.	
		^{US-} 5,559,693	09-24-1996	Anick et al.	
		^{US-} 5,682,539	10-28-1997	Conrad et al.	
SKO		^{US-} 5,687,384	11-11-1997	Nagase	

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (7 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
SRP		^{US-} 5,721,938	02-24-1998	Stuckey	
		^{US-} 5,752,052	05-12-1998	Richardson et al.	
		^{US-} 5,781,879	07-14-1998	Amold et al.	
	-	^{US-} 5,878,386	03-02-1999	Coughlin	
		^{US-} 5,926,784	07-20-1999	Richardson et al.	
		^{US-} 5,930,746	07-27-1999	Ting	
1		^{US-} 5,960,384	09-28-1999	Brash	
		^{US-} 5,963,894	10-05-1999	Richardson et al.	
		^{US-} 5,991,539	11-23-1999	Williams	
		^{US-} 6,052,693	04-18-2000	Smith et al.	
		^{US-} 6,138,087	10-24-2000	Budzinski	
		^{US-} 6,182,029	01-30-2001	Friedman	
		^{US-} 6,223,150	04-24-2001	Duan et al.	
		^{US-} 6,243,669	06-05-2001	Horiguchi et al.	
		US- 6,446,081	09-03-2002	Preston	
		^{US-} 6,505,157	01-07-2003	Elworthy	
		^{US-} 6,535,886	03-18-2003	Koontz	
		^{US-} 6,553,385	04-22-2003	Johnson et al.	
DR.P		^{US-} 6,556,964	04-29-2003	Haug et al.	

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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		-		First Named Inventor	Wakefield, Todd D.	
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	-		U.S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SRP		^{US-} 6,609,087	08-19-2003	Miller et al.	
		118-			
SOP		^{US-} 5,060,155	10-22-1991	van Zuijlen	
		^{US-} 5,095,432	03-10-1992	Reed	
		^{US-} 5,146,406	09-08-1992	Jensen	
		^{US-} 5,311,429	05-10-1994	Tominaga	
		^{US-} 5,418,717	05-23-1995	Su et al.	
i		^{US-} 5,438,511	08-01-1995	Maxwell, III et al.	
		US- 5,475,587\	12-12-1995	Anick et al.	
		^{US-} 5,490,061	02-06-1996	Tolin et al.	
		US- 5,594,837	01-14-1997	Noyes [,]	·
		US- 5,727,222	03-10-1998	Maxwell, III et al.	
		^{US-} 5,761,631	06-02-1998	Nasukawa	
		US- 5,794,050	08-11-1998	Dahlgren et al.	
		us- 5,819,210	10-06-1998	Maxwell, III et al.	
		us- 5,841,900	11-24-1998	Rahgozar et al.	
		^{US-} 5,878,406	03-02-1999	Noyes	
		^{US-} 5,903,860	03-11-1999	Maxwell, III et al.	
SRP		^{US-} 5,963,742	10-05-1999	Williams	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	MENTS Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T-6
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				First Named Inventor	Wakefield, Todd D.	
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			U. S. PATEN	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SCP	1	^{US-} 5,966,686	10-12-1999	Heidom et al.	
T		^{US-} 5,983,169	11-09-1999	Kozma	
		US- 5,995,922	11-30-1999	Penteroudakis et al.	
1		^{US-} 5,999,896	12-07-1999	Richardson et al.	
		^{US-} 6,023,760	02-08-2000	Karttunen	
		^{US-} 6,055,494	04-25-2000	Friedman	
		^{US-} 6,061,675	05-09-2000	Wical	
		^{US-} 6,064,953	05-16-2000	Maxwell, III et al.	
		^{US-} 6,108,620	08-22-2000	Richardson et al.	
		^{US-} 6,128,596	10-03-2000	Mackie	
		^{US-} 6,163,767	12-19-2000	Tang et al.	
		^{US-} 6,199,034	03-06-2001	Wical	
		^{US-} 6,263,335	07-17-2001	Paik et al.	
		^{US-} 6,272,495	08-07-2001	Hetherington	
		us- 6,289,304	09-11-2001	Grefenstette	
		US-6,292,771	09-18-2001	Haug et al.	
		^{US-} 6,360,197	03-19-2002	Wu et al.	
		^{US-} 6,487,545	11-26-2002	Wical	
SRP	;	^{US-} 6,571,240	03-27-2003	Ho et al.	

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/729,862	
Filing Date	December 5, 2003	
First Named Inventor	Wakefield, Todd D.	
Art Unit		
Examiner Name		
Attorney Docket Number	03760.024/5141P	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
an n		Number-Kind Code ^{2 (F known)} US- 6,609,091	09 40 2002	Produin alsi	riguies Appeal
<u> </u>			08-19-2003	Budzinski	<u> </u>
<u> </u>		^{US-} 6,611,825	08-26-2003	Billheimer et al.	
		^{US-} 20020007358	01-17-2002	Johnson et al.	
		^{US-} 20020010714	01-24-2002	Hetherington	· ·
		^{US-} 20020013793	01-31-2002	Bergan et al.	
		^{US-} 20020032740	03-14-2002	Stern	
		^{US-} 20020042711	04-11-2002	Lin	
		^{US-} 20020046018	04-18-2002	Marcu et al.	
		^{US-} 20020046019	04-18-2002	Verhagen et al.	
		^{US-} 20020102025	08-01-2002	Wu et al.	
		^{US-} 20020111793	08-15-2002	Luo et al.	
	9	^{US-} 20020123881	09-05-2002	Schmid et al.	
		^{US-} 20020128816	09-12-2002	Haug et al.	
		US- 20020128819	09-12-2002	Jessee et al.	
		^{US-} 20020196679	12-26-2002	Lavi et al.	
		us- 20030004716	01-02-2003	Haigh et al.	
		^{US-} 20030074186	04-17-2003	Wang	
		^{US-} 20030074187	04-17-2003	Ait-Mokhtar et al.	
8R1		^{US-} 20030078899	04-24-2003	Shanahan	

			FORE	GN PATENT DOCU	MENTS		•		
Examiner Initials*	Cite No.1	Foreign Patent	Document	Publication Date	Nam	e of Patentee or it of Cited Document	Pages, Col	umns, Lines, evant Passages	
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				First Named Inventor	Wakefield, Todd D.
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Examiner	Cite	Document Number	Publication Date	T DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (7 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
SPP		^{US-} 20030115039	06-19-2003	Wang .	
1		^{US-} 20030126151	07-03-2003	Jung	
1		^{US-} 20030130976	07-10-2003	Au	
1		^{US-} 20030144978	07-31-2003	Zeine	
SRD		^{US-} 20030149692	08-07-2003	Mitchell	
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	Low	NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
SRP		BEAN, "Corpus-Based Identification", 27th Annual Meeting of the Association of Computational Linguistics, June 20-26 1999, p. 373-380, University of Maryland, USA		
		RILOFF, "An Empirical Approach to Conceptual Case Frame Acquisition", Proceedings of the Sixth Workshop on Very Large Corpora, 1998		
		RILOFF, "Little Words Can Make a", Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, 1995, pp. 130-136		
		RILOFF, "Using Learned Extrac", Connectionist, Statistical, and Symbolic Approaches to Learning for Natural Language Processing, 1996, Springer-Verlag, Berlin, pp. 275-289		
		RILOFF, "Automatically Constructing a Dictionary for Informa", Proceedings of the Eleventh National Converence on Artificial Intelligence, 1993, MIT Press, pages 811-816		
		RILOFF, "Automatically Generating Extraction Patters from Untagged Text", Proceedings of the Thirteenth National Conference on Artificial Intelligence, 1996, pp. 1044-1049		
		ZICKUS, "A Software Engineering Approach to Developing an Object-Oriented Lexical Access Database and Semantic Reasoning Module", 1995, University of Delaware		
	-	GIRARDI, "An Approach to Improve the Effectiveness of Software", Proceedings of the Third Irvine Software Symposium (ISS'93), April 30, 1993, Irvine, California, pp. 89-100		
SUP		"State-of-the-art of Spoken Language Systems - a Survey", Sept. 1992, Speech Technology Centre, Aalborg University, Aalborg, Denmark		

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation it/not in conformance and not considered. Include copy of this form with next communication to applicant.

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